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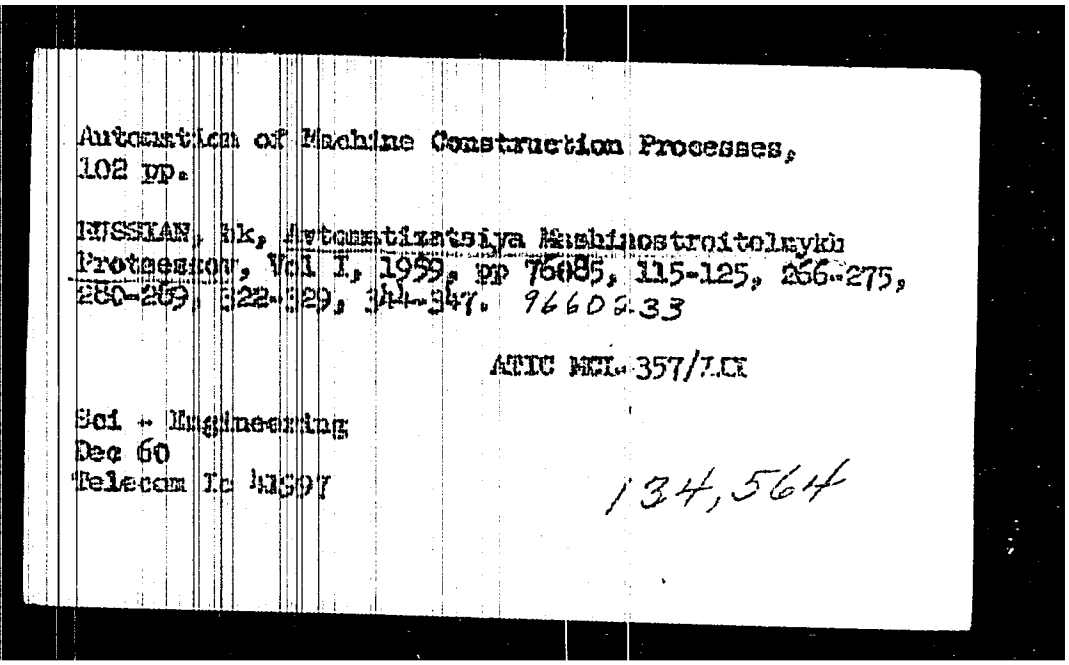

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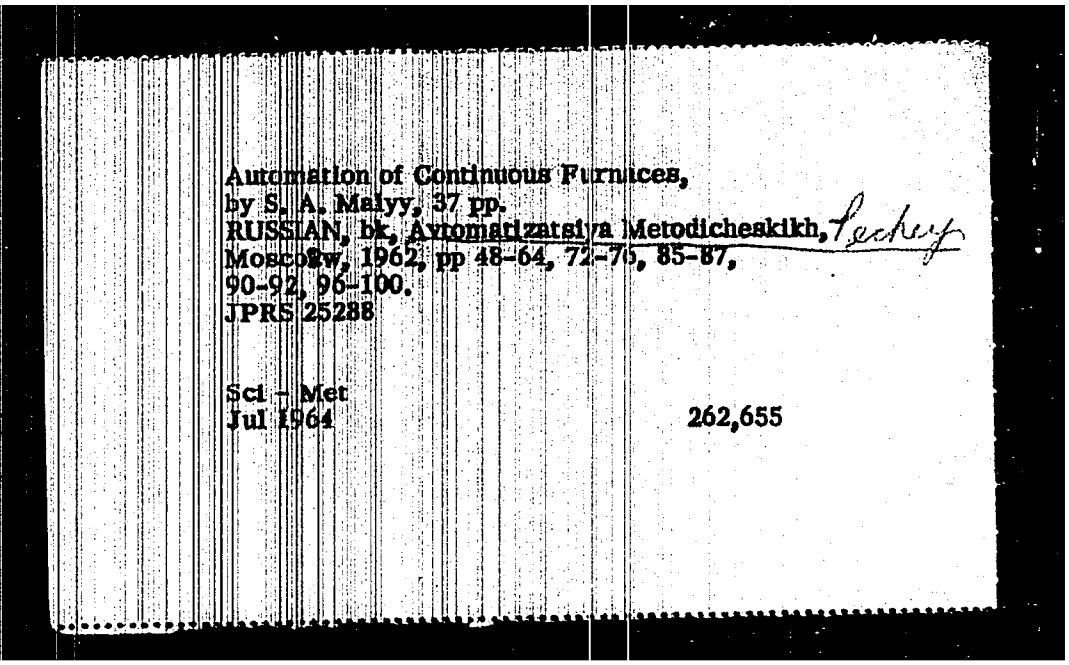

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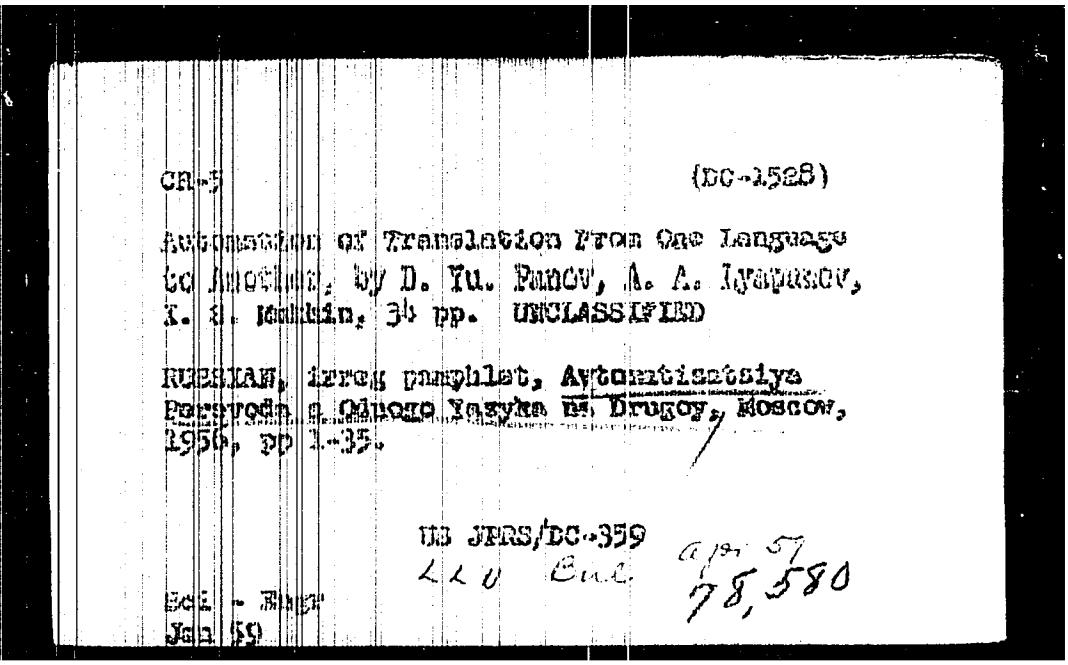

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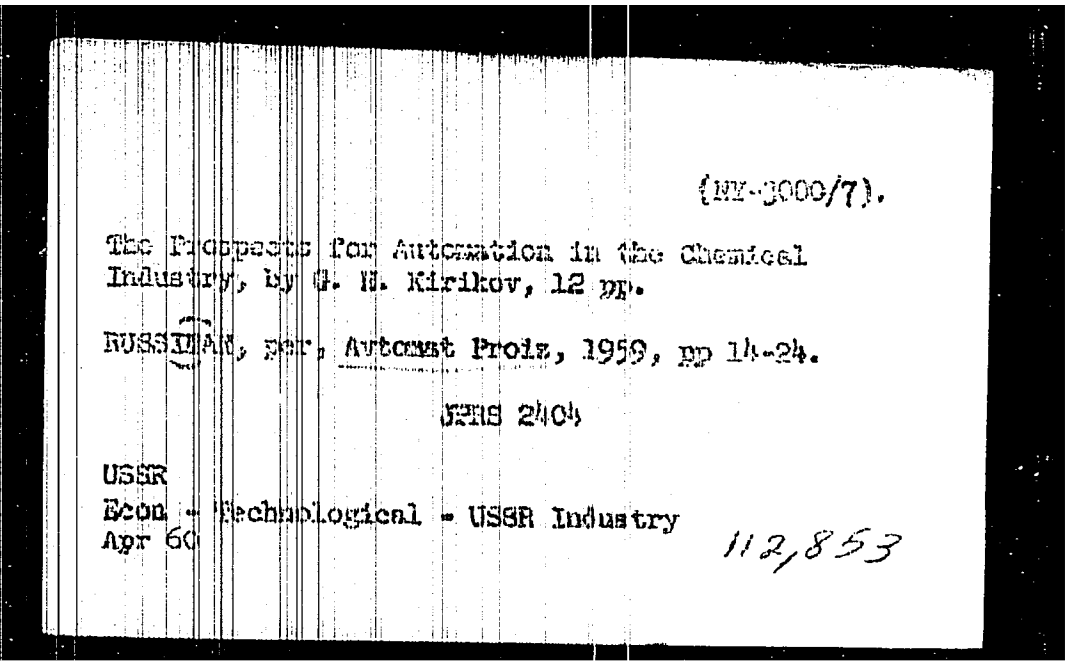

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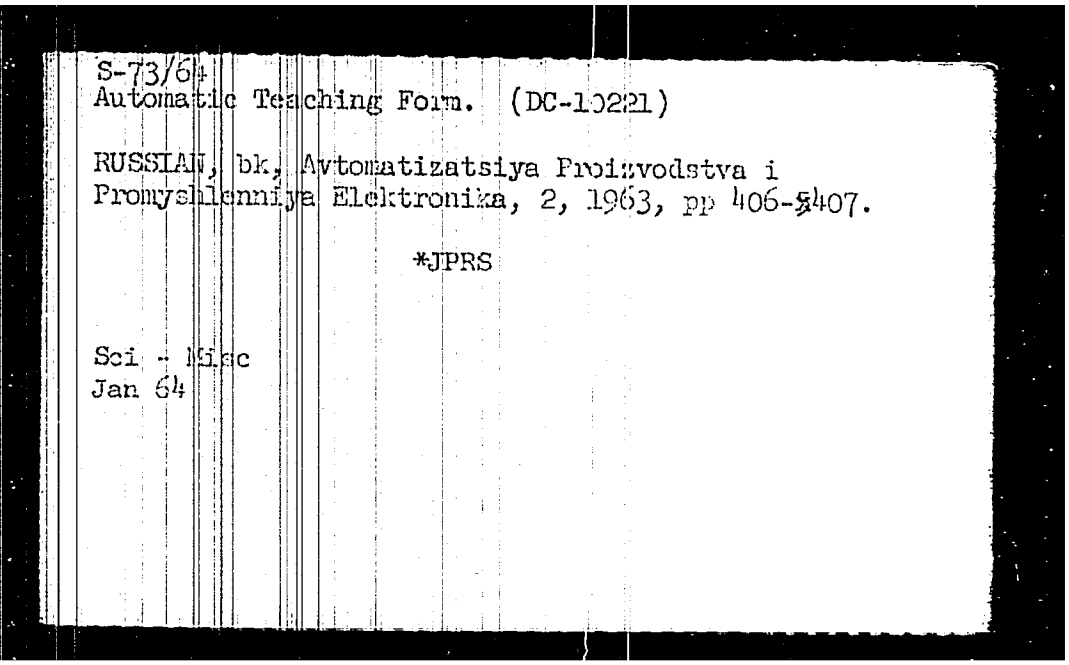

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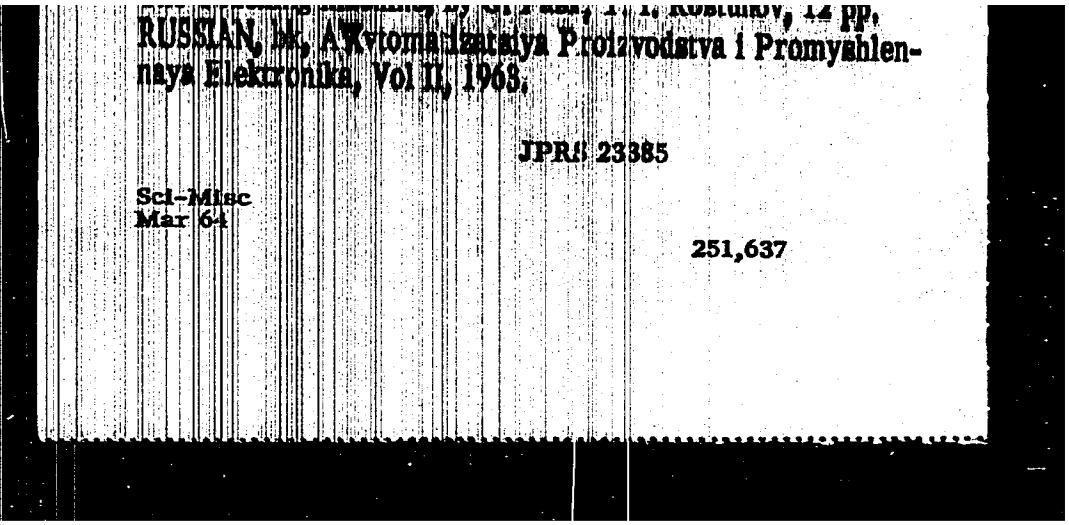

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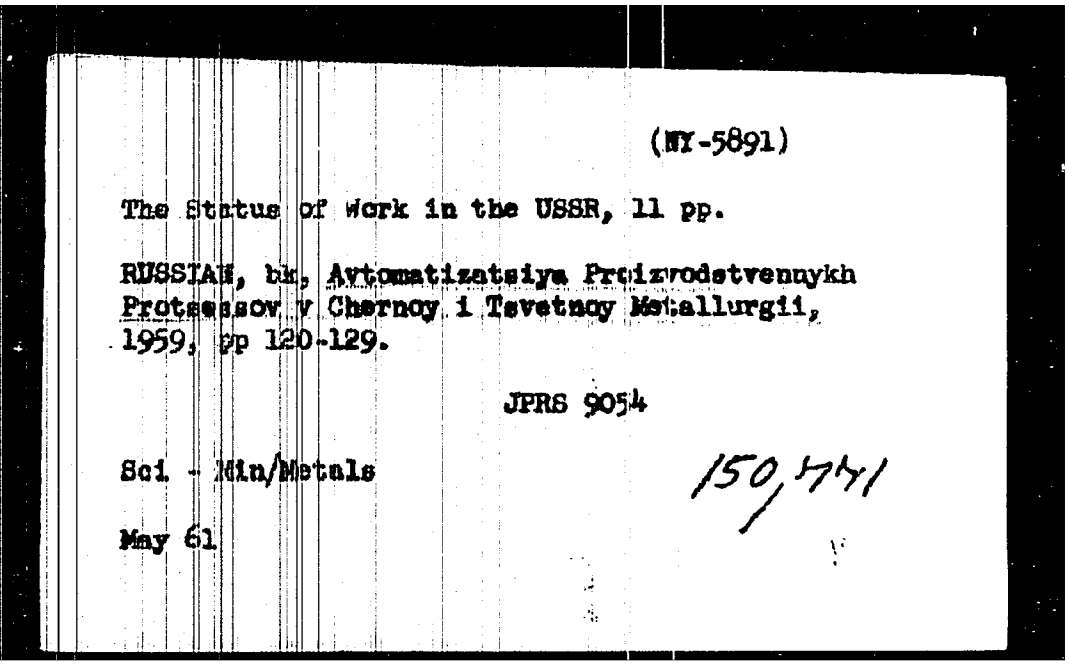

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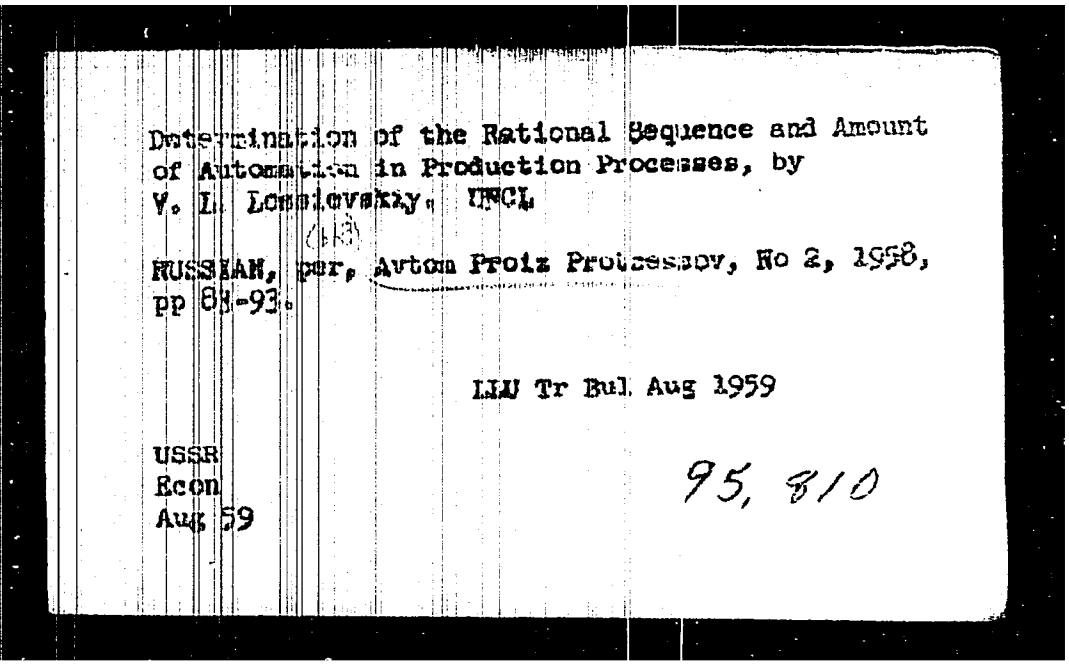

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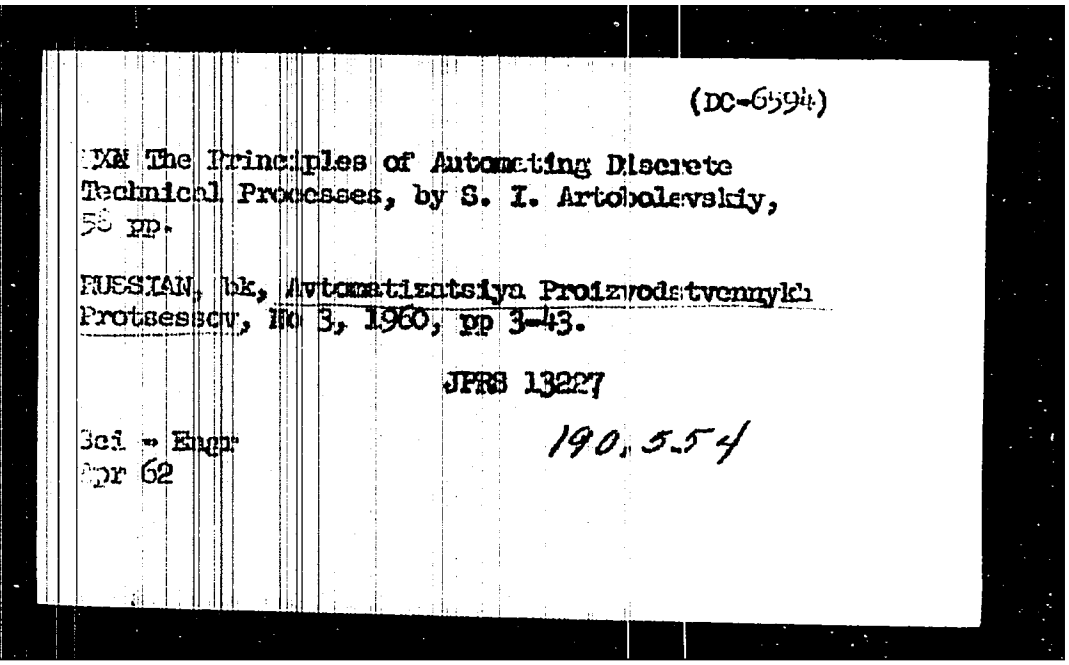

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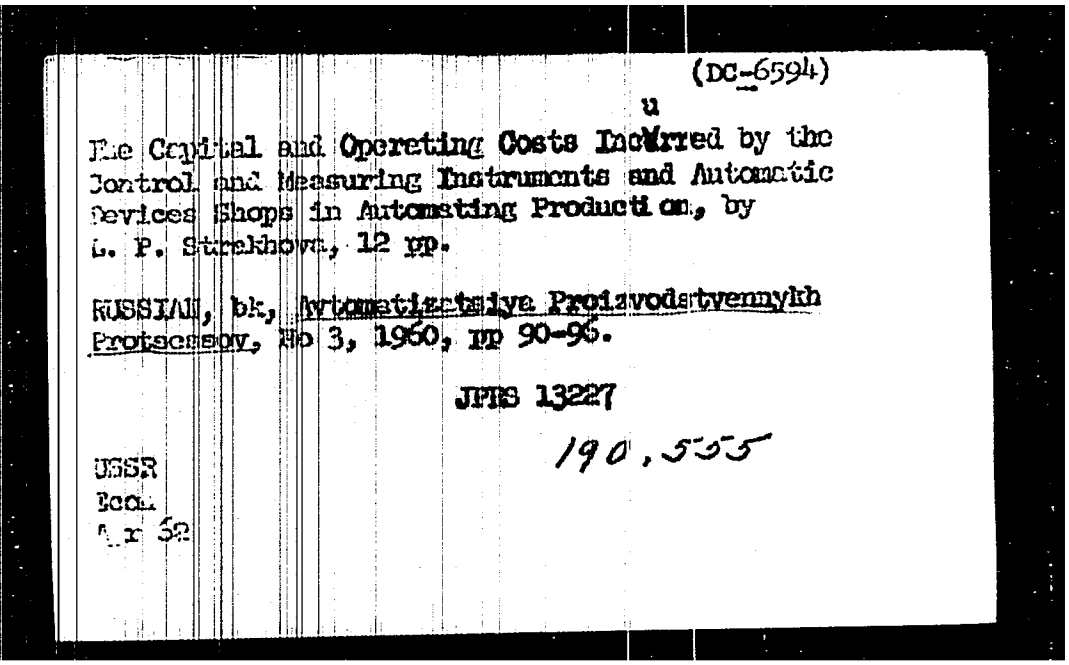

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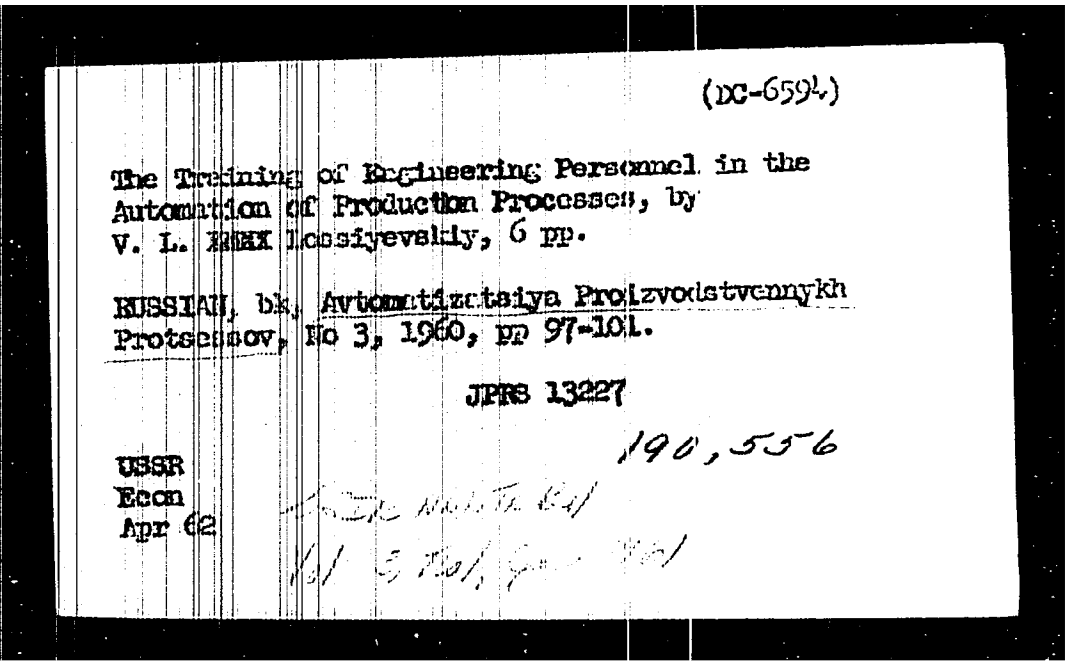

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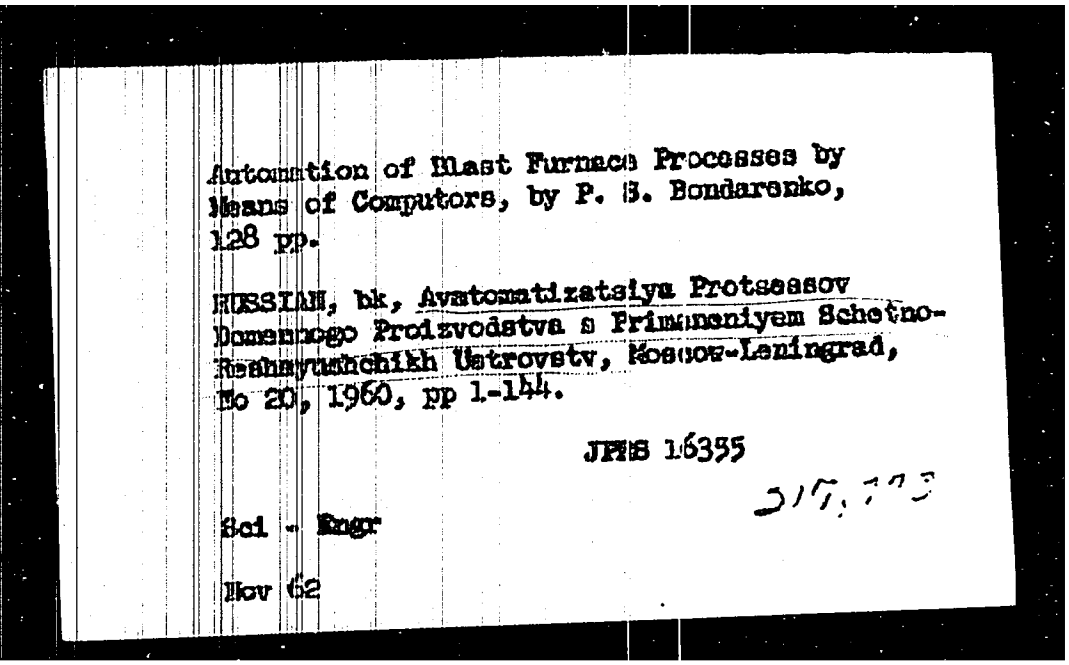

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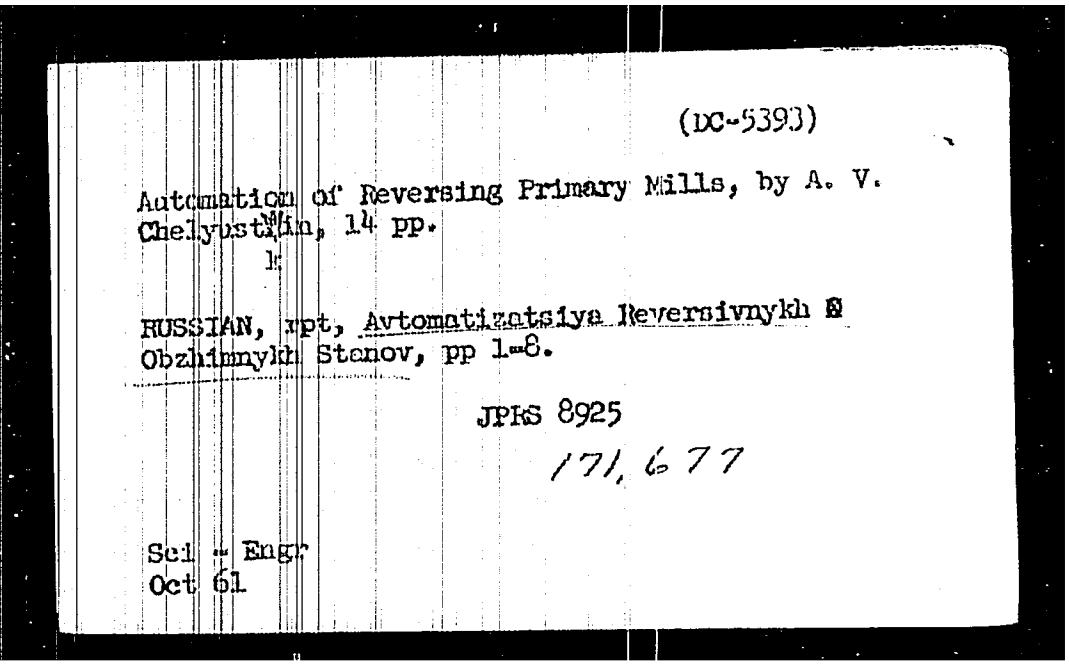

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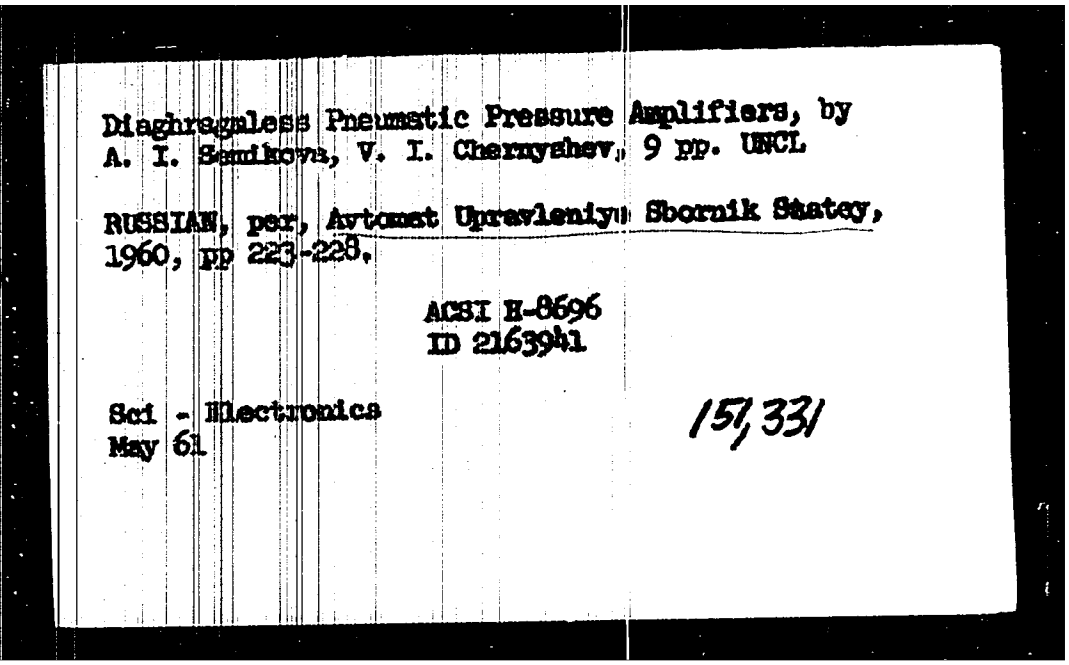

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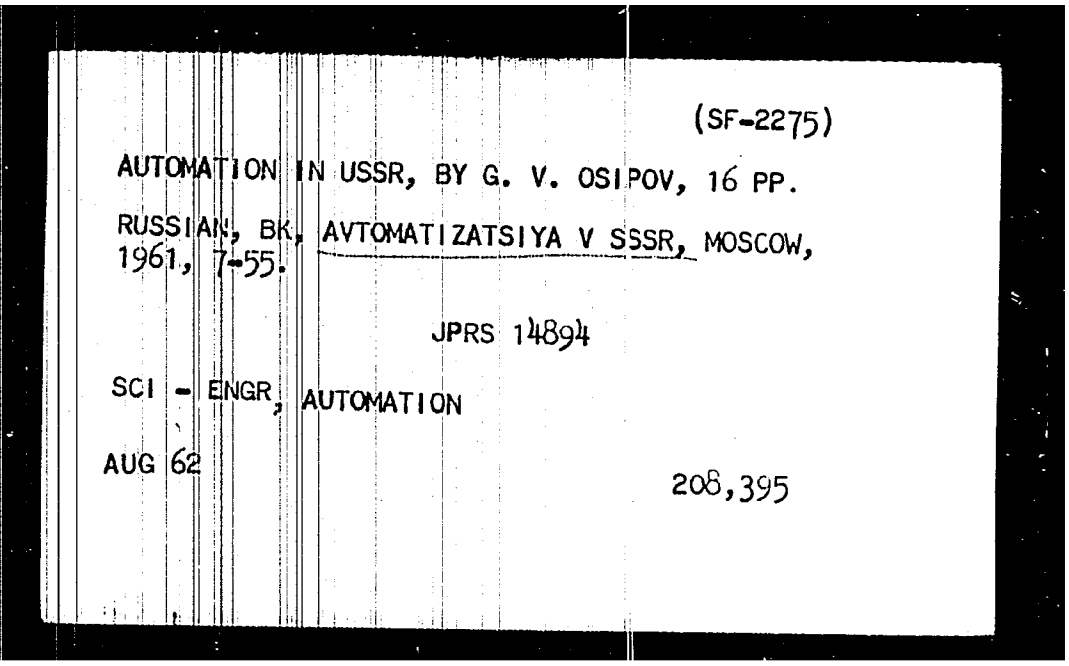

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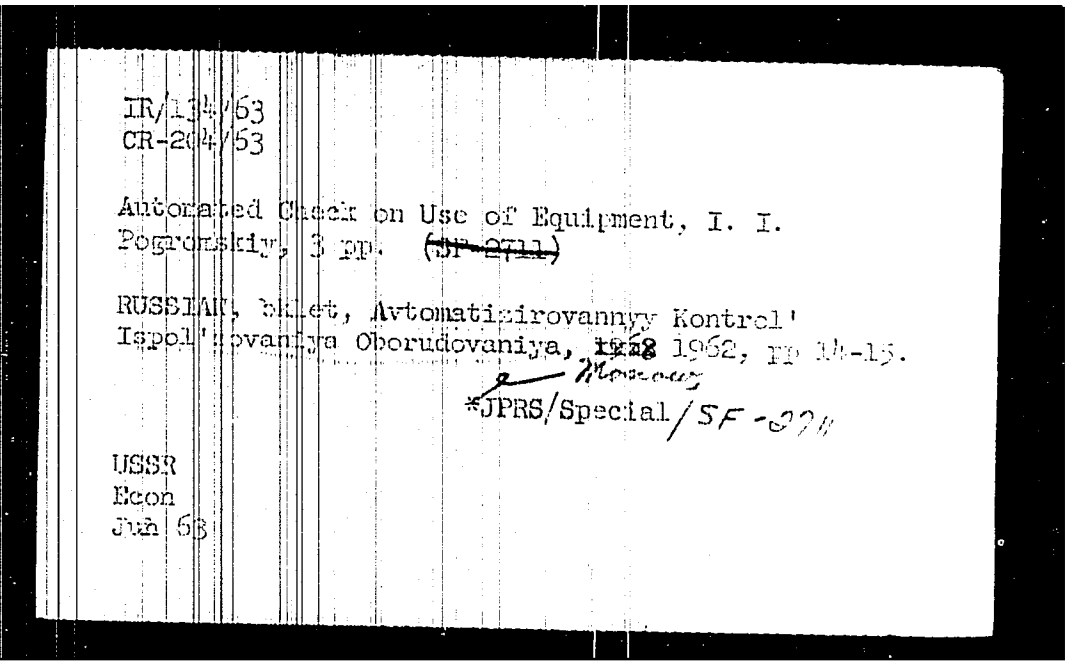

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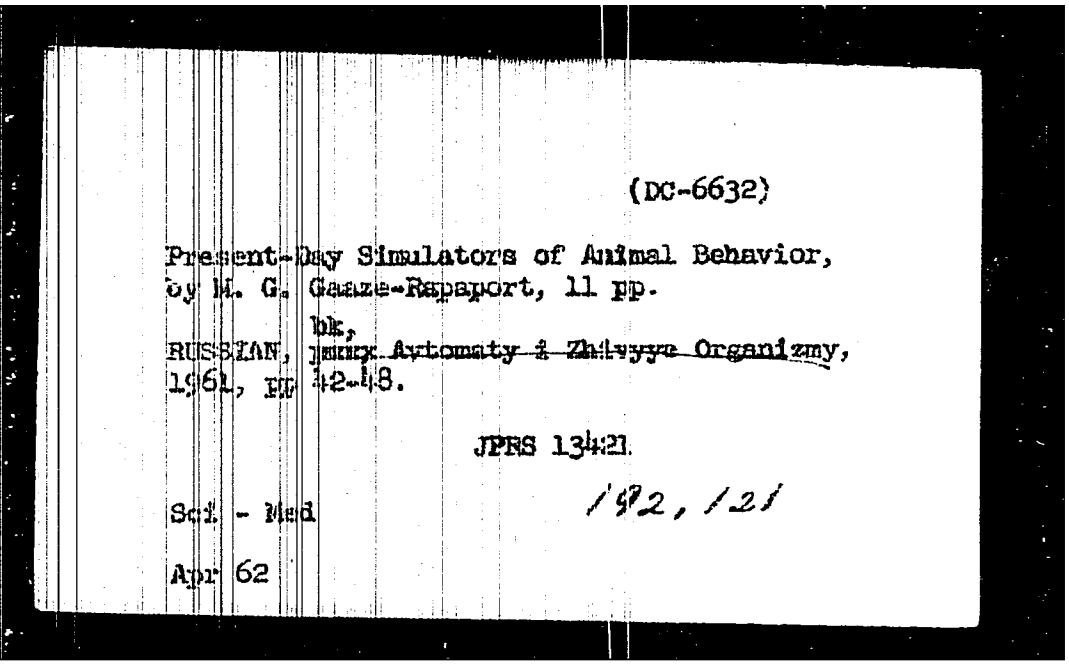

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RUSSIAN, ~~Mmx Avtomaty i Zhivyye Organizmy~~,
1961, pp 42-48.

JPRS 13421

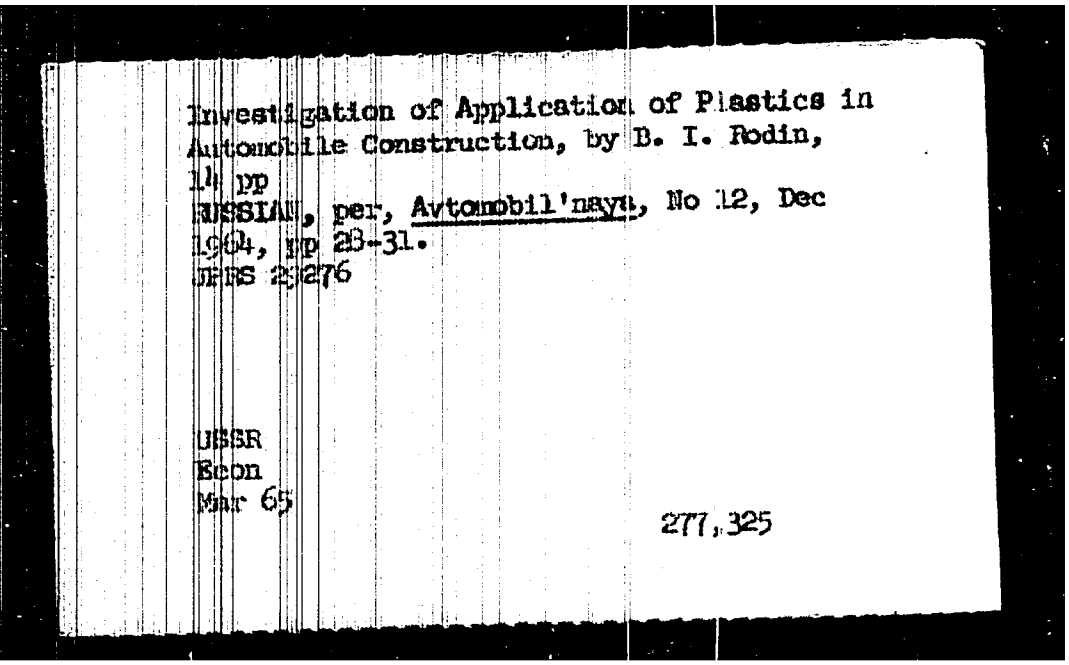
Sci - Med

Apr 62

192, 121

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1



Investigation of Application of Plastics in Automobile Construction, by B. I. Rodin, 14 pp
RUSSIAN, per, Avtomobil'naya, No 12, Dec 1964, pp 28-31.
JPRS 29276

USSR
Econ
Mar 65

277,325

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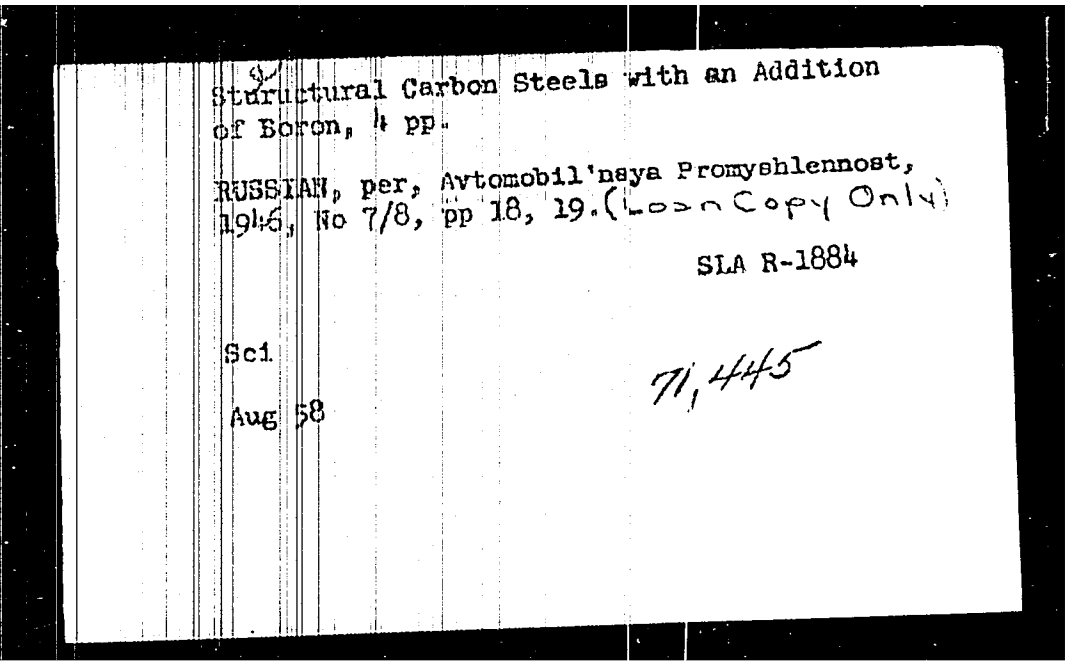


Structural Carbon Steels with an Addition of Boron, 4 pp.

RUSSIAN, per, Avtomobil'naya Promyshlennost, 1946, No 7/8, pp 18, 19. (Loan Copy Only)

SLA R-1884

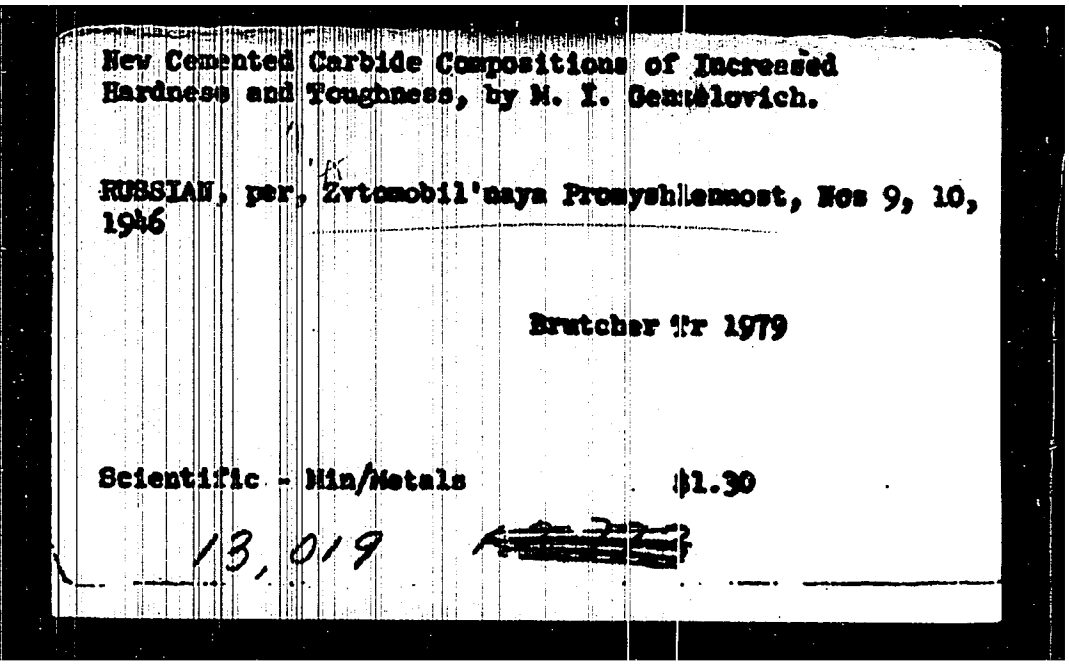
Sci

Aug 58

71,445

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1



New Cemented Carbide Compositions of Increased Hardness and Toughness, by M. I. Gemelovich.

RUSSIAN, per, Zvtomobil'naya Promyshlennost, Nos 9, 10, 1946

Brutcher Apr 1979

Scientific - Min/Metals $1.30

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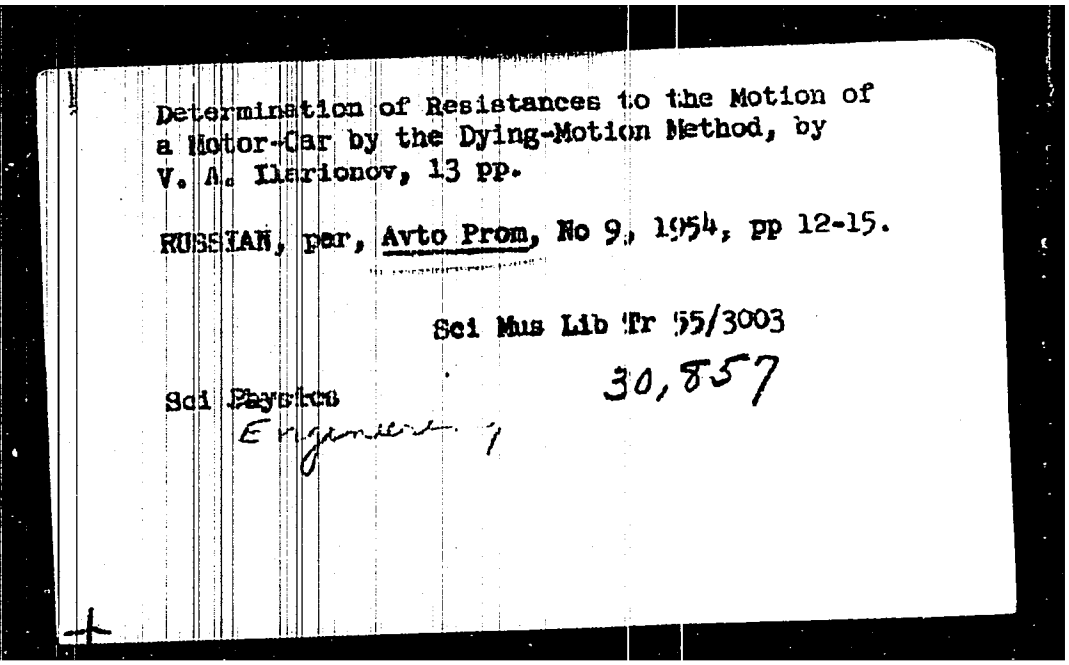
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1



Determination of Resistances to the Motion of a Motor-Car by the Dying-Motion Method, by V. A. Ilarionov, 13 pp.

RUSSIAN, per, Avto Prom, No 9, 1954, pp 12-15.

Sci Mus Lib Tr 55/3003

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Sci Physics
Engineering

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Resistance to Motion of High-Ground-Clearance Vehicle in Hard Surfaces, by V. I. Knoroz, Yu. E. Sharikyan,

RUSSIAN, per, Avtomobil Prom, No 1, 1958, pp 22-24.

*JPRS for
Army Ordance
Center Line, Michigan
R-390-N/A-E - C

Sci - Engr

Sep 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Soroko-Novatskii, V. I.
EFFECT OF ENGINE HEAD MATERIAL ON OCTANE NUMBER REQUIREMENTS OF FUEL. [1962] 13p.
Order from K-H Sic. 25 K-H 8598

Trans. of Avtomobil'naya Promyshlennost' (USSR) 1958, no. 1, p. 25-27.

DESCRIPTORS: *Internal combustion engines, *Fuels.

(Materials--Fuels, TT, v. 8, no. 8)

62-22761

I. Soroko-Novitskii, V. I.
II. K-H-8598
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Alternating-Current Generators for Buses, Trucks, and Passenger Cars, by V. I. Vasiliuvskiy.

RUSSIAN, per, Avtomobil Prom, No 1, 1958, pp 28, 29.

OTIA 13

Sci - Engr

Feb 59

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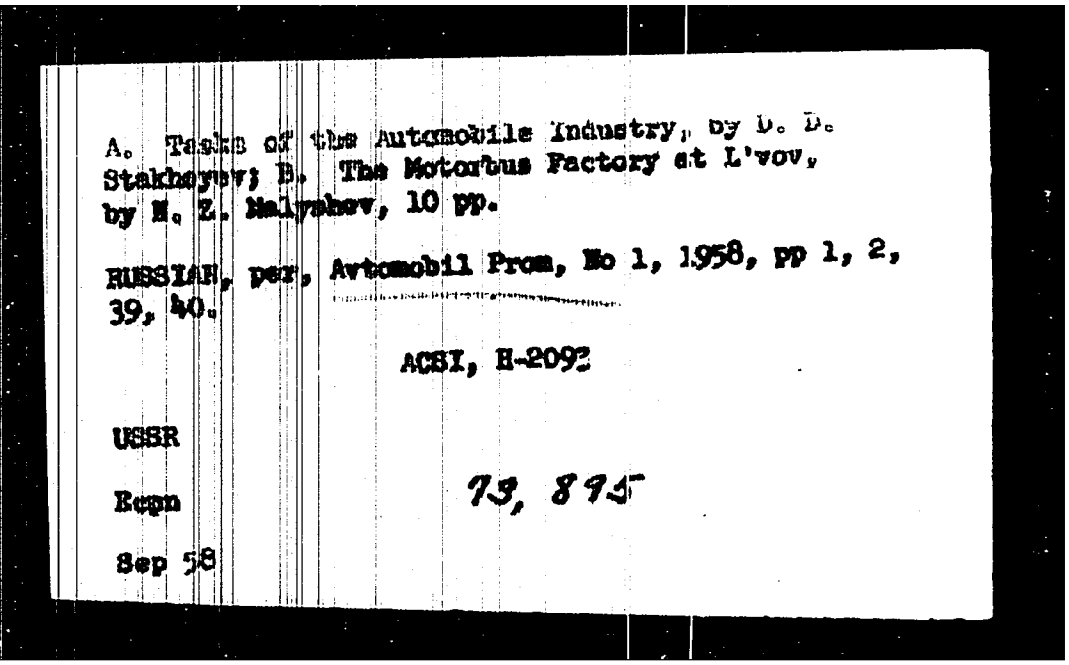

A. Tasks of the Automobile Industry, by D. D. Stakhoyev; B. The Motortus Factory at L'vov, by M. Z. Malyshev, 10 pp.

RUSSIAN, per, Avtomobil Prom, No 1, 1958, pp 1, 2, 39, 40.

ACSI, H-2092

USSR

Repn

73, 895

Sep 58

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

The Choice of Type of Brake Systems for Motor Trailers, by V. G. Rozanov. UNCL.

RUSSIAN, per, Avtomobil Prom, No 2, 1958, pp 1-6.

DSIR LLU RTS 1108
15s. 0d.

Sci - Engr
Sep 59

95, 852

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

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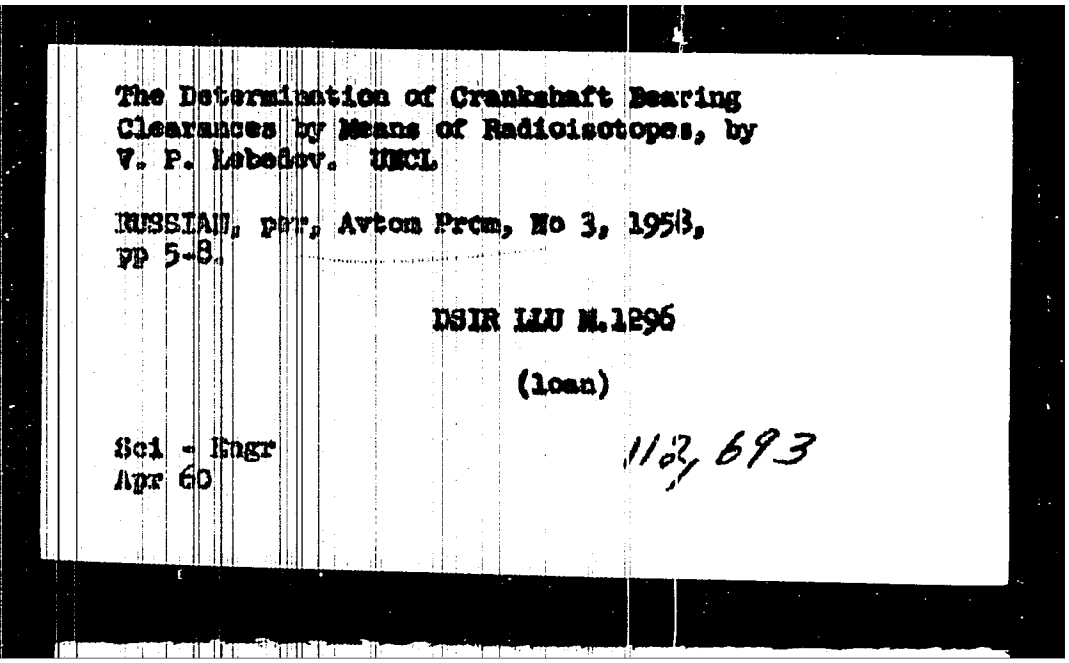

The Determination of Crankshaft Bearing Clearances by Means of Radioisotopes, by V. P. Lebedev. UNCL

RUSSIAN, pr., Avtom Prom, No 3, 1958, pp 5-8.

DSIR LAU M.1296

(loan)

Sci - Engr
Apr 60

113, 693

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Dynamic Loads in Truck Bodies, by M. I. Briskin,

RUSSIAN, per, Avtomobil Prom, No 3, 1958, pp 12-16.

*JPRS for
Army Ordance
Center Line, Michigan
R-390/N/A-E ..B

Sci - Engr

Sep 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Packing Devices for Gas-Turbine Engine Regenerator, by I. F. Kovshilov, V. K. Migay, 11 pp.

RUSSIAN, per, Avtomobil Prom, Mar 1958, pp 16-19.

ACSI, B-1986

Sci - Engr

Oct 58

75, 45-0

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

The Determination of the Resistance to Movement of a Motor Vehicle, by G. A. Krestovnikov. UMZL

RUSSIAN, per, Avtom Prom, No 3, 1958, pp 22-27.

DSIR LAU RRB 1107

15s. Od.

94, 836

USSR
Econ
Aug 59
Sci - Engr

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

The Atomization of Liquid in a Carburetor as a Method of Investigating Mixture Formation, by B. N. Molchanov. UNCL.

RUSSIAN, per, Avtom Prom, No 4, 1958, pp 26-28.

DSIR LIU RTS 1110

Sci - Fuels
Jul 59

90,680

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

A. The Selection of a Type of Hydraulic Reduction Gear, by L. V. Klubov;
B. Low Pressure Tires (Ground Arched Tires), by A. M. Khlabnikov, V. I. Khoros, P. A. Sharkevich,

RUSSIAN, per, Avtomobil'naya Promyshlennost, No 5, 1958, pp 5-10, 26-28.

ACSI, H-2491

Sci - Engr
Mar 59

83,269

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

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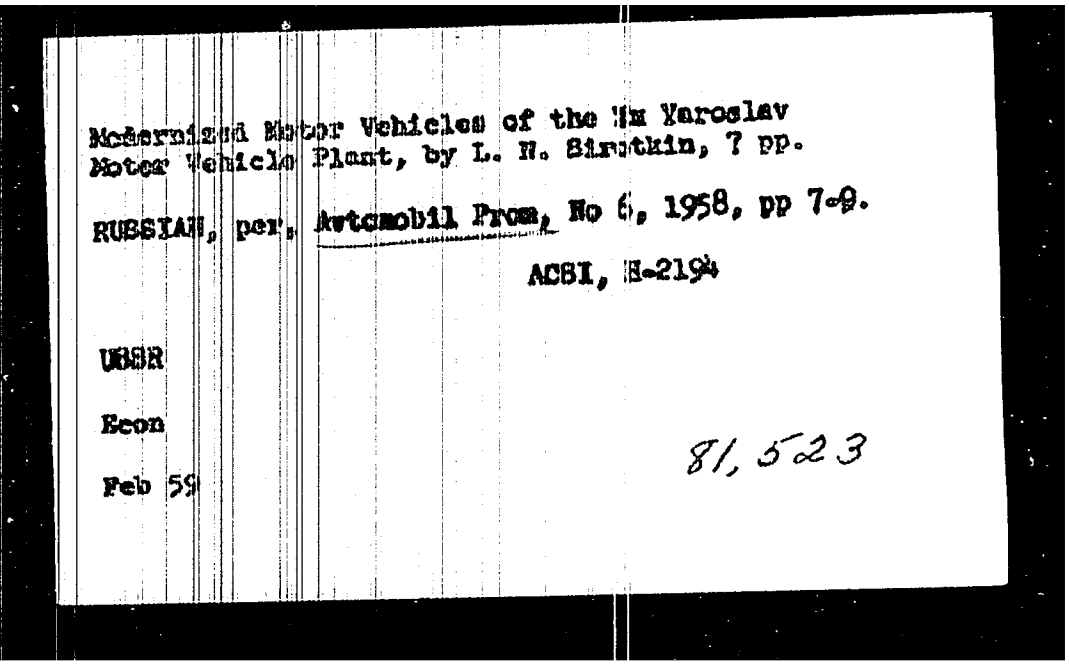

Modernized Motor Vehicles of the Im Yaroslav Motor Vehicle Plant, by L. N. Birutkin, 7 pp.

RUSSIAN, per. Avtomobil Prom, No 6, 1958, pp 7-9.

ACSI, H-219

USSR

Econ

Feb 59

81,523

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

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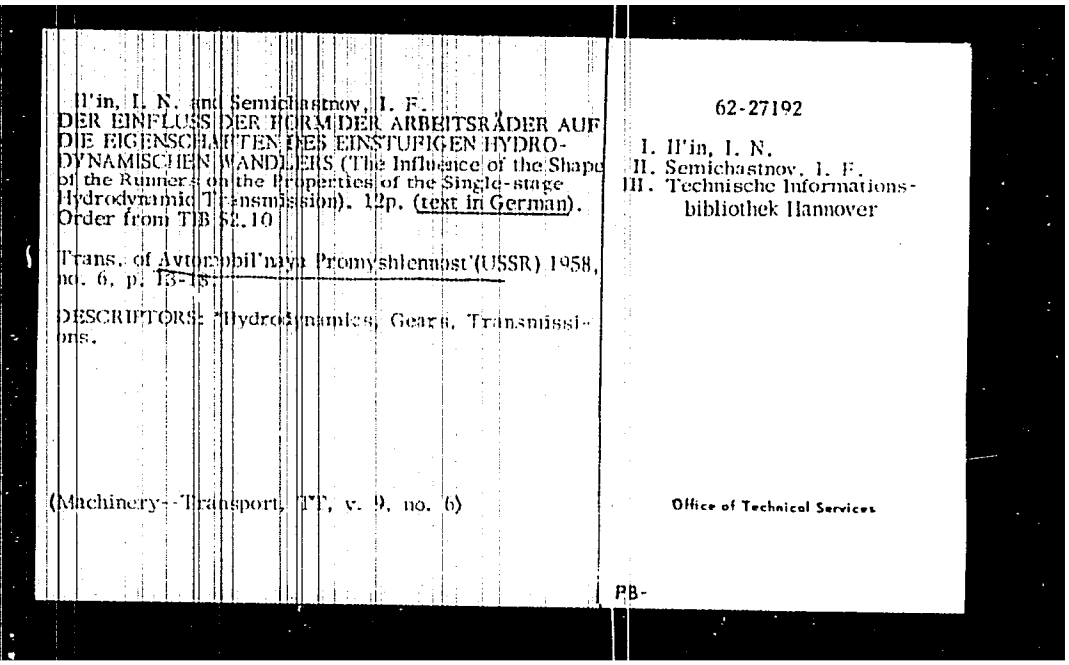

Il'in, I. N. and Semichastnov, I. F.
DER EINFLUSS DER FORM DER ARBEITSRÄDER AUF DIE EIGENSCHAFTEN DES EINSTUFIGEN HYDRODYNAMISCHEN WANDLERS (The Influence of the Shape of the Runners on the Properties of the Single-stage Hydrodynamic Transmission). 12p. (text in German). Order from TIB 52.10

Trans. of Avtomobil'naya Promyshlennost'(USSR) 1958, no. 6, p. 13-18

DESCRIPTORS: *Hydrodynamics, Gears, Transmissions.

(Machinery--Transport, TT, v. 9, no. 6)

62-27192

I. Il'in, I. N.
II. Semichastnov, I. F.
III. Technische Informations-bibliothek Hannover

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

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Obtaining the Acceleration Characteristics of an Engine by Dynamometer Stand Testing of an Automobile, by M. I. Lar'ye.

RUSSIAN, per, Avtomobil'naya Promyshlennost, No 8, 1958, pp 22-25.

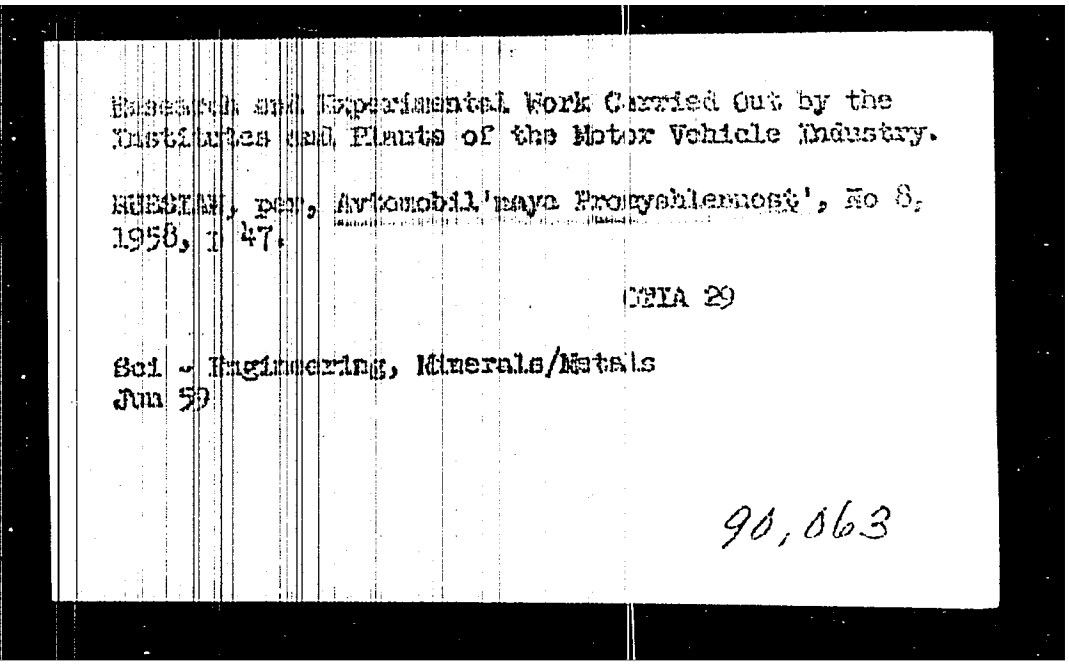
OTIA 6198

Sci - Eng
Jun 60

120,820

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1



Research and Experimental Work Carried Out by the Institutes and Plants of the Motor Vehicle Industry.

KUBSKIY, per., Avtomobil'naya Promyshlennost', No 8, 1958, p 47.

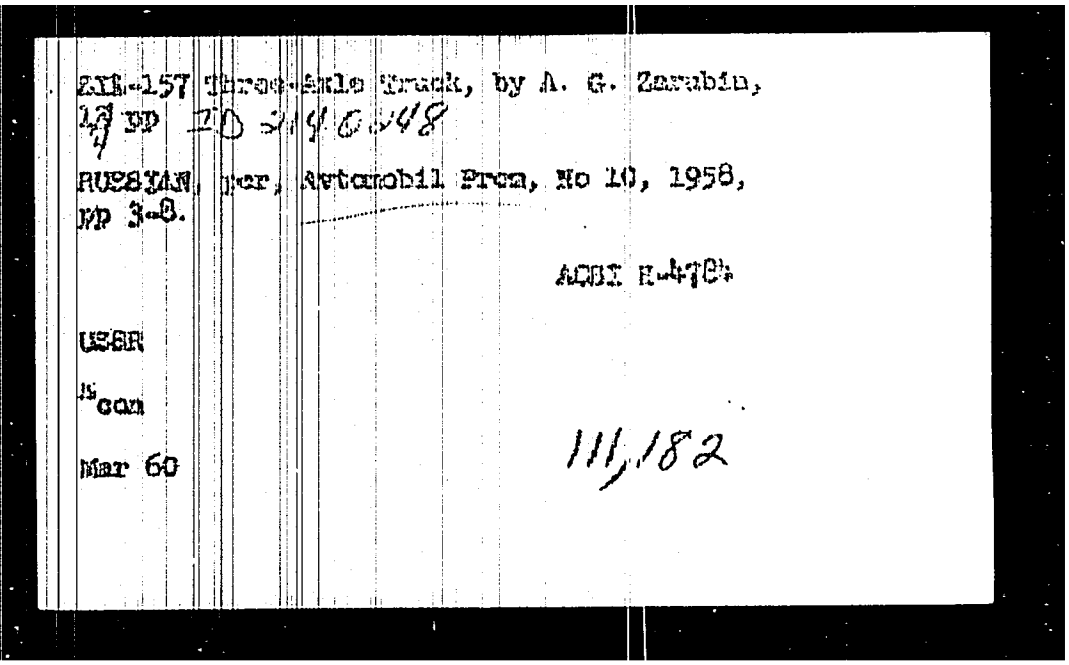
CSIA 29

Sol - Engineering, Minerals/Metals
Jun 59

90,063

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1



ZIL-157 Three-Axle Truck, by A. G. Zarubin,
17 pp 20 2,916.048
RUSSIAN, per, Avtomobil Prom, No 10, 1958,
pp 3-8.

ACDI K-478

USSR

Design

Mar 60

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

System for the Electronic Control of Fuel Injection, by P. Yu. Livshits, V. E. Koganer. UNCL.

RUSSIAN, per, Avtomobil Prom, No 10, 1958, pp 12-15.

DSIR LAN RTS 1109
10s. Od.

Sci - Electron
Sep 59

95, 853

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Autobus Bodies Made of Panels, by G. A. Malyshev, 4 pp.

RUSSIAN, per, Avtomobil'naya Prom, No 11, 1958.

ACBI, H-3739

USSR

Econ

Jul 59

91,645

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

The Motor Vehicle Industry in 1958, by V. Ya. Selifenov, 5 pp. USCL

RUSSIAN, per, Avtom Prom, No 11, 1958, pp 1, 2.

ACSI E-4785-A
ID 2164468

USSR
Econ
Mar 61

143,716

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Automotive Gas Turbine Engines, by Ya. G. Shumskiy, Ya. A. Dvigateli, 10 pp. UNCL

RUSSIAN, per, Avtom Prom, No 11, 1958, pp 10-17.

ACSI K-4785-B
ID 2164468

Sci - Engr
Mar 61

143,717

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

The Turbocharging of Motor Vehicle Compression-Ignition Engines, by N. S. Khanin, N. I. Petrov. UNCL.

RUSSIAN, per, Avtomobil Prom, No 11, 1958, pp 17-21.

DSIR LLU ITS 1271

(12s. 6d.)

102,495

Sci + Engr
Dec 59

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

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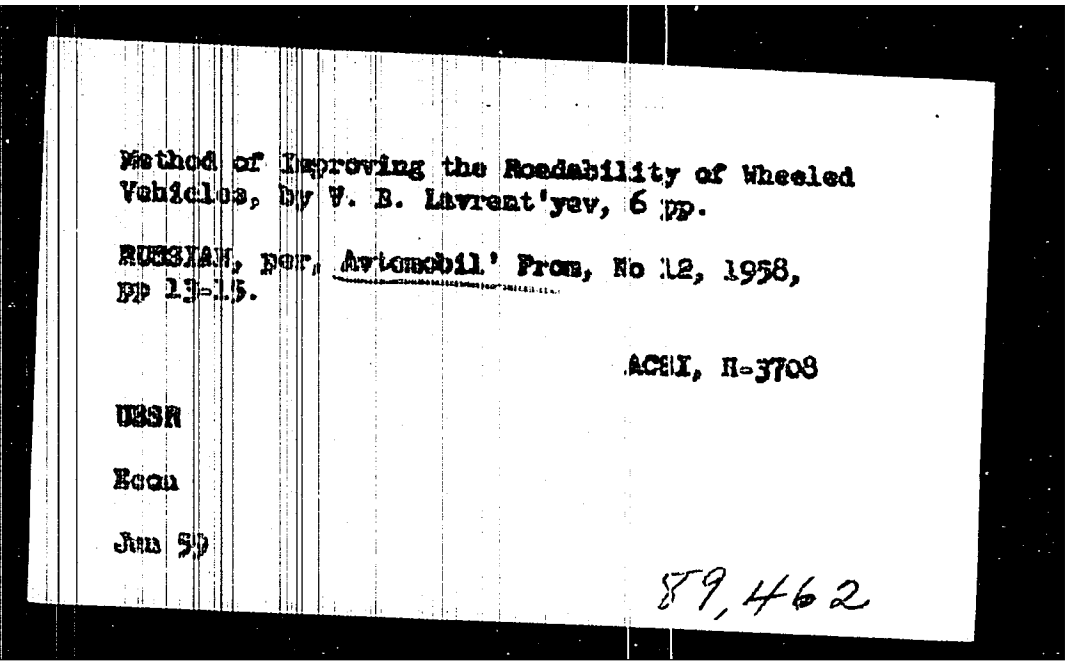

Method of Improving the Roadability of Wheeled Vehicles, by V. B. Lavrent'yev, 6 pp.

RUSSIAN, Per, Avtomobil' Prom, No 12, 1958, pp 13-15.

ACSI, M-3708

USSR

Econ

Jun 59

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Stoving Painted Metal Parts, by M. S. Tomashpol'skiy.

RUSSIAN, per, Avtomobil Prom, No 12, 1958, pp 29-33.

DSIR LLU M. 1808
(loan)
61-13136 128,882

Sci - Engr

Oct 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Lakh, Ye. I.
TESTS ON SUSPENSIONS OF TWIN-AXLED MOTOR TRAILER TRANSPORTERS (Ispytaniya Podvesok Dvukhosnykh Avtomobilnykh Rospuskov). June 61 [11]p. RTS 1871.
Order from OTS or SLA $1.60 61-23027

Trans. of Avtomobil'naya Promyshlennost' (USSR) 1959, no. 1, p. 20-23.

DESCRIPTORS: *Cargo vehicles, *Trailers, Transportation, Springs, Tests.

(Machinery--Transport, TT, v. 6, no. 3)

61-23027

I. Lakh, Ye. I.
II. RTS-1871
III. Department of Scientific and Industrial Research (Gt. Brit.)

180586

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Questions Concerning the Building of Vehicles With Gas Turbine Engines, by B. S. Fulkevich, I. S A. Levin, A. P. Kuznetsov, 10 pp.

RUSSIAN, per, Avtomobil Prom, No 2, 1959, pp 3-6.

ACSI H-6141

Sci - Engineering

Apr 60

114,699

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

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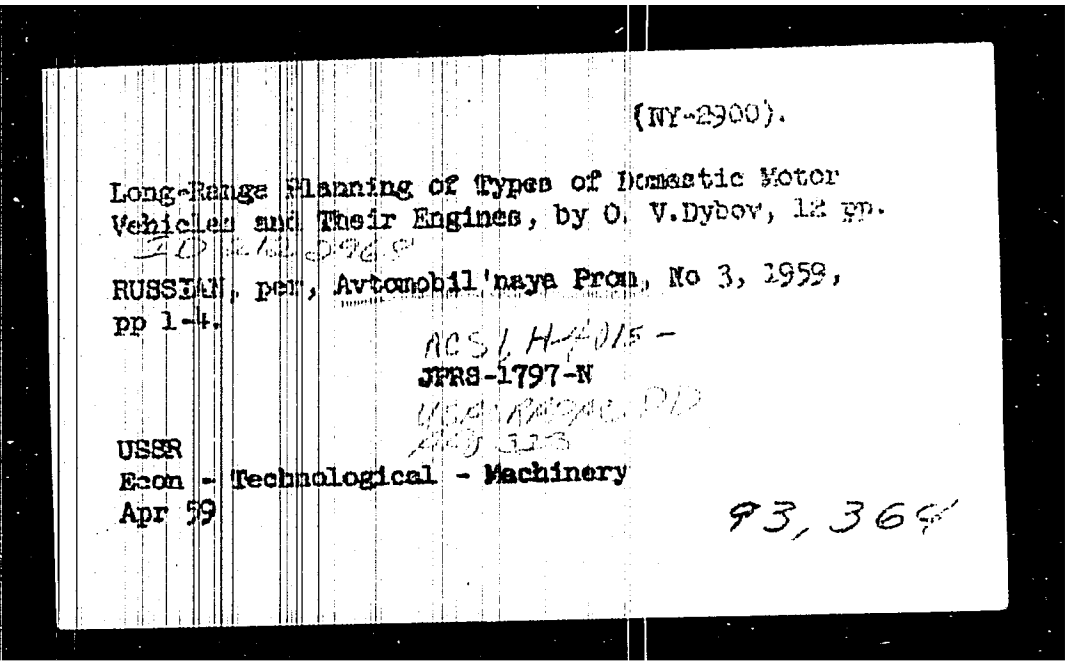

(NY-2900).

Long-Range Planning of Types of Domestic Motor Vehicles and Their Engines, by O. V.Dybov, 12 pp.

RUSSIAN, per, Avtomobil'naya Prom, No 3, 1959, pp 1-4.

JPRS-1797-N

USSR
Econ - Technological - Machinery
Apr 59

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Toward a Theory of Oscillations of an Automobile on an Uneven Road, by Ya. M. Pevzner, 24 pp.

RUSSIAN, per, Avtom Prom, No 3, 1959, pp 13-17.

OTIA 8130

Sci - Engr

May 61

151,163

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Development of Fatherlands Auto Construction
Within the Decisions of the XXI Congress KPSS,
5 pp. Ivy M. I. Shtokin, ID 2125952

RUSSIAN, per, Avtomobil Prom, No 4, 1959.

ACSI, H-5013

USSR

Econ, Pol

Dec 59

104,432

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Influence of Equalizer Suspension Upon the Body Rolling When Vehicle is in Motion.

RUSSIAN. per, Avtom Prom, No 4, 1959. pp 24-32.

*JPRS for
U.S. Army Ord Ars Det
R-435-N

USSR - Econ
Sci-Engr
Nov 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

STEEL, COILED PISTON RINGS IN VEHICLE ENGINES, BY A. V. ADAMOVICH.

RUSSIAN, PER, AVTOMOBIL PROM, NO 4, 1959, PP 42-45.

NLL M. 3741

SCI - ENGR

OCT 62

214,729

X

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

The Determination of the Deflection and the Size of the Tire Contact Area With Soft Soil, by Yu. S. Ageikin, 7 pp.

RUSSIAN, per, Avtomobil Prom, No 5, 1959.

OTIA Tr 3983

Sci - Engr

Sep 59

97,537

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Major Tasks of Domestic Motor Vehicle Body Construction, by Ye. B. Armand, 2 pp. UNCL

RUSSIAN, per, Avtom Prom, No 6, 1959, pp 1, 2.

ACSI H-4780
ID 2166429

USSR
Econ
Apr 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Egorova, A. P., Umnov, I. A. and others.
THE TEMPERATURE FIELD OF CRANKSHAFT BEARINGS. Jan 60.
Order from MT £ 3 3s MT Trans-84

Trans. of Avtomobil'naya Promyshlennost' (USSR) 1959, no. 6, p. 29-31.

DESCRIPTORS: *Bearings, Crankshafts, Tests, Temperature, Automotive Industry.

(Machinery--Machine Parts, TT, v. 6, no. 6)

61-22752

I. Egorova, A. P.
II. Umnov, I. A.
III. MT Trans-84
IV. Tollemache, M. de O. (Gt. Brit.)

176640

Office of Technical Services

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

Methods and Results of Tests on Steering Mechanics for Wear, by M. I. Lysov.

RUSSIAN, per, Avtomobil Prom, No 7, 1959, pp 27-30.

RTS/1511 (DSIR LLU)

167, 489

Sci - Engr

Sep 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

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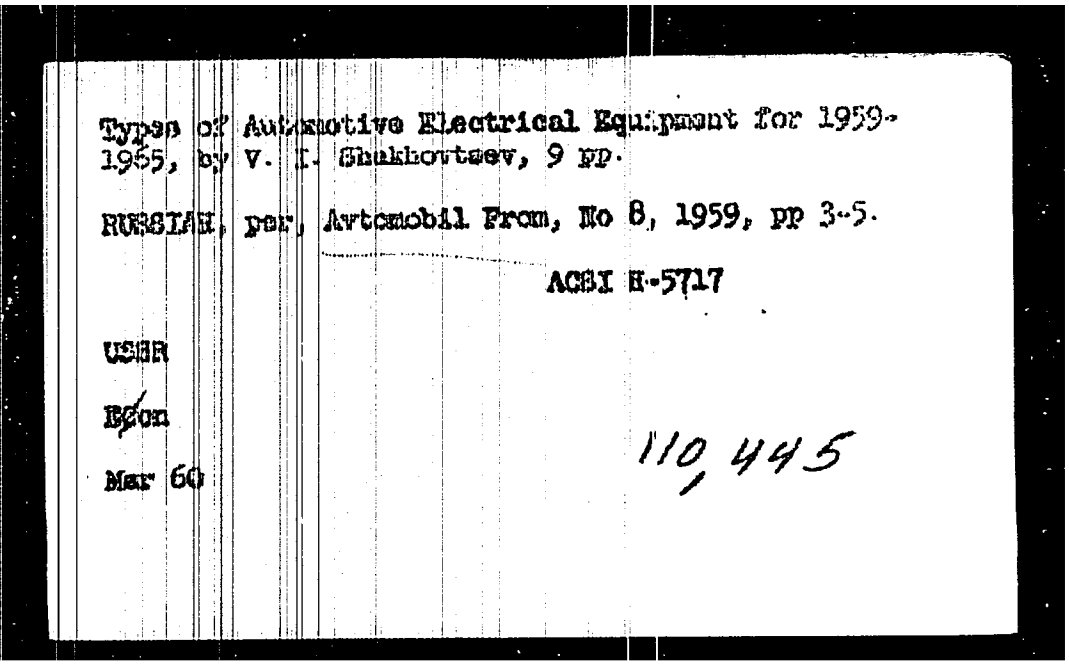


Types of Automotive Electrical Equipment for 1959-1965, by V. I. Shakhovtsev, 9 pp.

RUSSIAN, per, Avtomobil Prom, No 8, 1959, pp 3-5.

ACBI H-5717

USSR

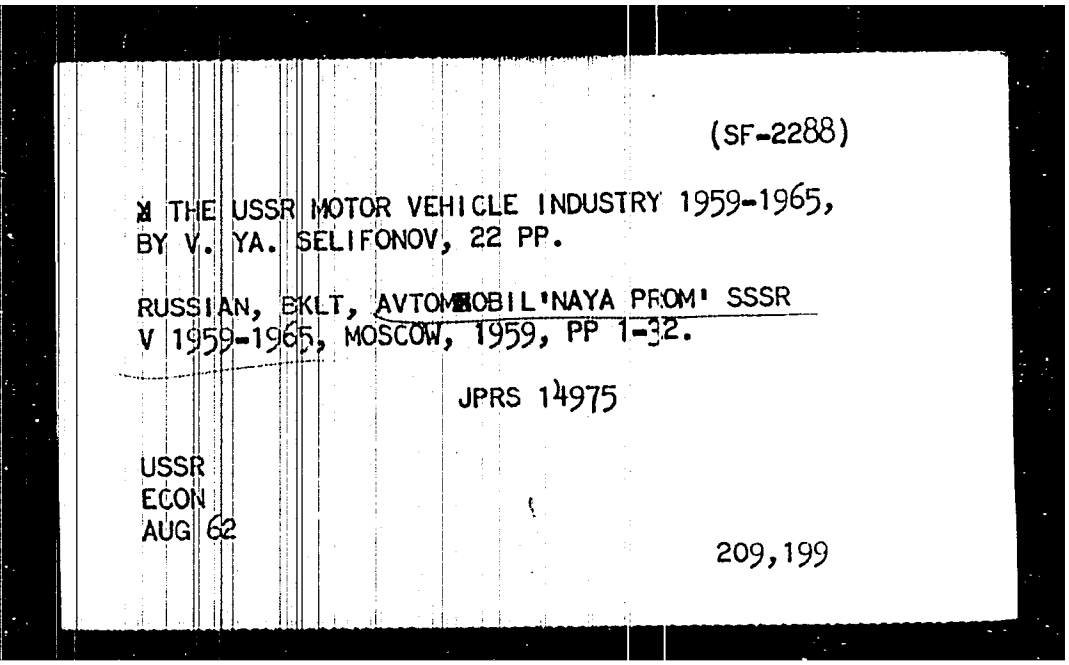
Econ

Mar 60

110,445

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530035-1



(SF-2288)

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V 1959-1965, MOSCOW, 1959, PP 1-32.

JPRS 14975

USSR
ECON
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Kulikov, N. K.
TRACTIONAL BALANCE OF A VEHICLE WITH ALLOWANCE FOR THE SLIPPAGE OF THE DRIVING WHEELS. [1960] 9p. (5 figs. omitted) 3 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10310

Trans. of Avtomobil'naya Prom[yshlennost'] (USSR) 1959, no. 9, p. 19-20.

The slipping of the drive wheels influences the tractional balance of an automobile. The allowance for slipping leads to a decrease in the actual speed possible in all gears; this speed is diminished most suustantially in the lower gears with high tractional forces. (Author)

(Machinery--Transport, TT, v. 5, no. 5)

61-10310

1. Vehicles--Performance
2. Vehicle wheels--Friction
I. Kulikov, N. K.

147,008

*Prop TIL
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Office of Technical Services

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ACSI H-6081

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RUSSIAN, per, Avtom Prom, No 11, 1959, pp 9-12.

*JPRS for
U.S. Army Ord Ars Det
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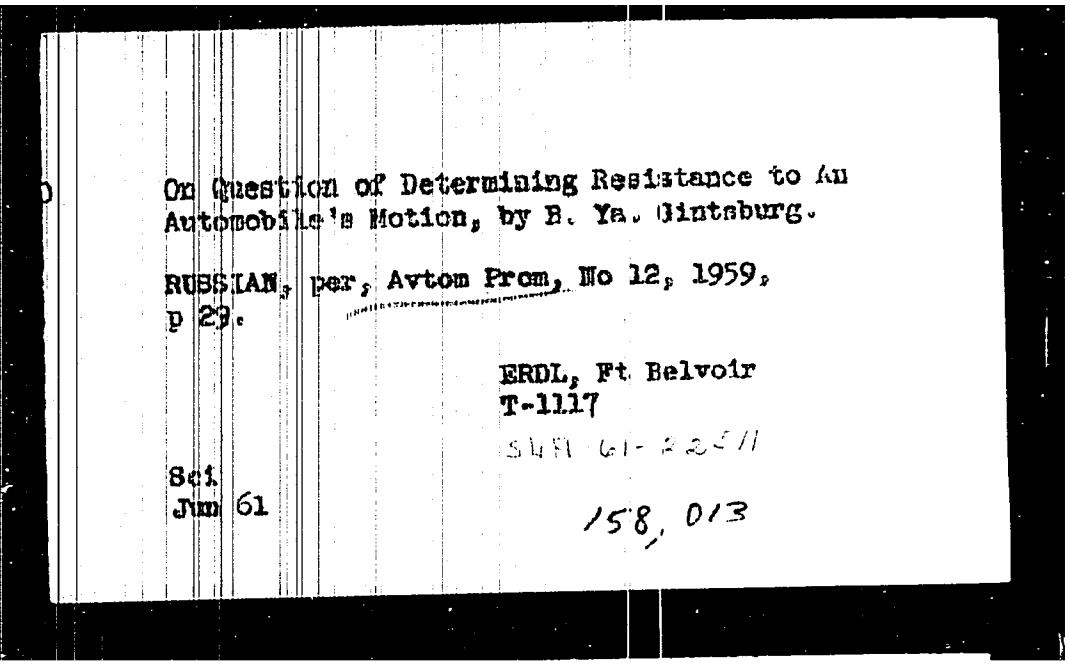

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ERDL, Ft Belvoir
T-1118

Scl
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ACSI H-6310

Sci - Eng

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